CONSTRUCTION EQUIPMENT

Sample No: VCP429244 **Oil Type: DIESEL ENGINE OIL SAE 15W40**

VOLVO

Job No:

COT MCKAY BAY

	FORMATION			
Sample Number	-	VCP429244	VCP422481	
Sample Date		03 Oct 2023	27 Mar 2023	
Machine Hours		2560	1972	
Oil Hours		0	0	
Oil Changed		Changed	Changed	
Sample Status		NORMAL	NORMAL	
OIL CONDI	TION			
Visc @ 100°C	cSt	12.9	12.9	
Base Number (BN)	mg KOH/g	10.1	10.1	
Oxidation (PA)	%	82	69	
CONTAMI	NATION			

Soot %	%	0.3	0.1	
Nitration (PA)	%	63	44	
Sulfation (PA)	%	61	57	
Glycol	%	NEG	NEG	
Fuel	%	<1.0	< 1.0	
Silicon	ppm	12	7	
Sodium	ppm	2	3	
Potassium	ppm	2	2	

WEAR N	METALS			
Iron	ppm	23	11	
Copper	ppm	4	<1	
Lead	ppm	1	<1	
Tin	ppm	1	<1	
Aluminum	ppm	1 9	9	
Chromium	ppm	□<1	<1	
Molybdenum	ppm	42	48	
Nickel	ppm	0	0	
Titanium	ppm	□<1	 <1	
Silver	ppm	0	0	
Manganese	ppm	□ <1	< 1	
Vanadium	ppm	0	<1	

Calcium ppm 1536 1513 Magnesium ppm 500 522 Zinc ppm 1068 1069 Phosphorus ppm 912 912	ADDITIVES					
Zinc ppm 1068 1069 Phosphorus ppm 912 912						
Phosphorus ppm 912						
Barium ppm 0 2						
Boron ppm 30 68						



ALTA EQUIPMENT/FLAGLER CONSTRUCTION EQUIPMENT LLC 8418 PALM RIVER ROAD TAMPA, FL US 33619 Contact: KENNY HANEY khaney@flaglerce.com T: (813)630-0077

Diagnosis

F: (813)630-2233

Resample at the next service interval to monitor.All component wear rates are normal. There is no indication of any contamination in the oil. The BN result indicates that there is suitable alkalinity remaining in the oil. The condition of the oil is suitable for further service.

Depot: VOLVO0093 Unique No: 10714112 Signed: Wes Davis Report Date: 28 Oct 2023

Report Id: VOLVO0093 [WUSCAR] 05991450 (Generated: 10/28/2023 05:01:23) Rev: 1

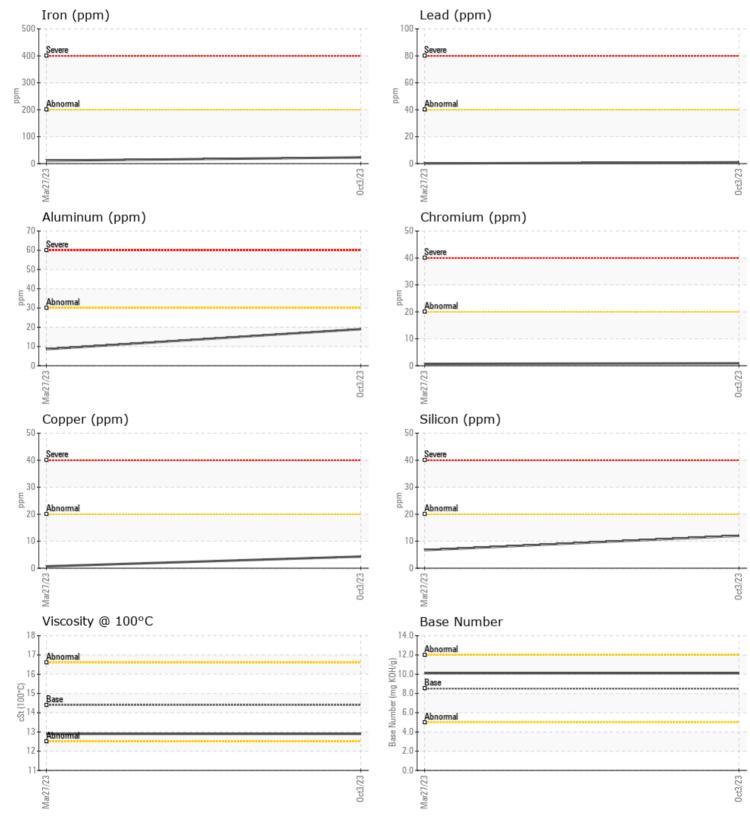
Contact/Location: KENNY HANEY - VOLVO0093

CONSTRUCTION EQUIPMENT



GRAPHS

VOLVO



Report Id: VOLVO0093 [WUSCAR] 05991450 (Generated: 10/28/2023 05:01:26) Rev: 1

Contact/Location: KENNY HANEY - VOLVO0093